THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) As per new definition of village electrification (effective from 2004-05):

"A village would be declared as electrified if—

(i) Basic infrastructure such as Distribution Transformer and Distribution lines are provided in the inhabited locality as well as the Dalit Basti/hamlet where it exists. (For electrification through Non-Conventional Energy Sources a Distribution Transformer may not be necessary).

(ii) Electricity is provided to public places like Schools, Panchayat Office, Health Centres , Dispensaries, Community Centres etc. and

(iii) The number of households electrified should be at least 10% of the total number of households in the village."

(b) State-wise details of status of village electrification is given in the Statement. [Rafer to the Statement approved to the Answer Unstarred Question No. 4444]

(c) A new scheme "Rajiv Gandhi Grameen Vidyutikaran Yojana" for Rural Electricity Infrastructure and Household Electrification has been launched for the attainment of the National Common Minimum Programme of providing access to electricity to all Rural Households in five years. The scheme would be implemented through Rural Electrification Corporation (REC).

The scheme aims at completing electrification of all un-electrified villages and un-electrified hamlets in next five years.

PGC power projects in Karnataka

4454. SHRI K.B. KRISHNA MURTHY: Will the Minister of POWER be pleased to state:

(a) the power projects so far taken up in Karnataka by Power Grid Corporation;

(b) whether the Power Grid Corporation has prepared any project to improve Power Distribution and Transmission and power quality in Karnataka;

(c) if so, the estimated cost of the proposed project;

(d) whether the proposed project has been sent to Karnataka;

(e) whether Karnataka Government has agreed to implement the proposed project; and

(f) by when the project is expected to commence and complete?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) A list of transmission projects implemented by Power Grid Corporation of India Ltd; (PGCIL) in the Southern Region including Karnataka is given in the Statement-I (*See* below).

(b) to (f) A list of the transmission projects being implemented and planned by PGCIL in the Southern Region including Karnataka with their estimated cost and the expected date of commissioning is given on the Statement-II. (*See* below). These schemes have been agreed by Karnataka in the meetings of Standing Committee on Power System Planning and Regional Electricity Board of Southern Region.

A list of transmission projects/elements of transmission projects of PGCIL in the State of Karnataka is given in the Statement-III. (*See* below).

The State Power Utility is responsible for improvement of power distribution and power quality in the State.

Statement-I

Existing Transmission Projects of PGCIL in Southern Region

1. Ramagundam STPS-I & II Transmission System
2. CTP-I Transmission System
3. Neyveli TS-II (Phase-2) Transmission system
4. Gazuwaka HVDC back-to-back

5. Kaiga-I & II Transmission System
6. Chandrapur HVDC back-to-back
7. System Strengthening in SR-I
8. System Strengthening in SR-II
9. Neyveli TS-I Expansion
10. Ramagundam-III Transmission System
11. Gazuwaka 2nd HVDC System
12. Talcher-II Transmission System
13. Kayamkulam Transmission System
14. Second 220 k V Feed to Pondicherry

Statement-II

Transmission Projects under implementation by PGCIL in Southern Region

	Project and Elements	Project Cost (Rs. Crores)	Approved/ anticipated commissioning
1.	Madurai-Trivandrum Transmission System	196	May, 2005
2.	Kaiga-Narendra TR. System	76	March, 2006
3.	Establishment of New 400/220kV substation at Narndera	61	Dec., 2005
4.	Neelamangal-Mysore Transmission System	155	March, 2006
5.	SR System Strengthening Scheme-IV	102	Sep., 2006
6.	SR System Strengthening Scheme-V	92	Sep., 2006
7.	SR System Strengthening Scheme-III	285	April, 2007
8.	Kaiga-3&4 APP Transmission System	588	Jan., 2008
9.	Neyveli-TS-II Expansion (2x250MW) Transmission System	692	Dec., 2007
10.	SR System Strengthening Scheme-VI	114	March, 2007

Transmission Projects in Southern Region planned by PGCIL

	Projects and Elements	Project Cost (Rs. Crores)	Anticipated commissioning
1.	Kudankulam APP Transmission System	1780	Nov., 2007
2.	System Strengthening in SR-VII	280	Sep, 2006
3.	Kalpakkam PFBR Tr. System	98	2010
4.	Upgradation of transfer capacity of Talcher—Kolar HVDC bipale	97	June, 2007
5.	Provision of Additional spare convertor Transformer at Talcher and Kolar HVDC terminals each	63	2007-08

Statement III

A. Existing transmission projects/transmission elements of PGCIL in Karnataka

1. 500 kV HVDC Converter Station at Kolar (2x500 MW)
2. 500 kV HVDC Converter Station at Talcher (2x500 MW)
3. 500 kV HVDC Talcher—Kolar transmission line (1367 Ckm)
4. 400 kV Kolar-Arakkonam S/C transmission line (161 Ckm)
5. 400 kV Arakkonam—Chennai S/C transmission line (45Ckm)—Completed
6. 400 kV Kolar—Hosur-Pallakkodu S/C transmission line (181 Ckm)
7. 400 kV Pallakkodu-Salem S/C transmission line (84 Ckm)
8. 400 kV Salem - Udumplet S/C transmission line (138 Ckm)
9. 400 kV Kolar - hoody D/C transmission line (102Ckm)
10. LILO of Cuddapah—somanhally at Kolar D/C transmission line (30 Ckm)

11. 400/220 kV Hosur Sub-Station (2x315 MVA)
12. 400/220 kV Kolar Sub-Station (4x167 MVA)
13. LILO of both circuits of 440 kV Davangere—Hoody D/C at Hiriyur (5Ckm)
14. 400/220 kV Hiriyur Sub-Station (1x315 MVA)
15. 40% Series Compensation on 400 kV Gooty-Neelmangla D/C transmission line

B. Transmission projects/transmission elements under implementation by PGCIL in Karnataka

1. System Strengthening-III Scheme

(a) 400 kV Raichur-Gooty D/C line (with Quad conductors)—320 Ckm

(b) 400 kV Neelamangla-Somnahally D/C line — 100 Ckm

2. System Strengthening - V Scheme

(a) 400/220 kV Munirabad (Aug.) Sub-Station-(1x315 MVA)

(b) 400/220 kV Kolar Sub-Station (3x167MVA)

3. Kaiga APP (Unit 1 & 2) Transmission Scheme

(a) 400 kV Kaiga—Narendra D/C line (200 Ckm)

(b) 400/220 kV Narendra Sub-Station (2x315 MVA)

4. Kaiga APP (Unit 3 & 4) Transmision Scheme

(a) 400 kV Narendra - Davanagere D/C line

(b) 400 kV Mysore-Kozhikode (Kerala) D/C line

(c) 400/220 kV Hiriyur Sub-Station (1x315 MVA-3rd Transformer)

5. Ramagunda-III Transmission System

(a) 400 kV Gooty-Neelamangala D/C transmission line

6. 400 kV Neelamangala-Mysore D/C line (310 Ckm)

7. 400/220 kV Mysore Sub-Station (2x315 MVA)

C. Transmission projects/transmission elements planned by PGCIL in Karnataka

1. System Strengthening Scheme-VII

(a) LILO of one circuit of 400 kV Talaguppa - Neelamangala D/C line at Hassan. (156 Ckms)

(b) 400/220 kV Hassan (New) substation (2x315 MVA).

2. Upgradation of Transfer Capacity of Talcher—Kolar HVDC Terminals:

Upgradation of transfer capacity of Talcher (Orissa)-Kolar HVDC Bi-Pole

3. Additional spare convertor Transformer at Talcher and Kolar HVDC

Additional spare converter Transformer at Talcher and Kolar HVDC Terminals.

Requirment and availability of Power in U.P.

4455. SHRI LALIT SURI:
DR. VIJAY MALLYA:

Will the Minister of POWER be pleased to state:

(a) the present requirement of power and its availability in Uttar Pradesh;

(b) whether there is any proposal under consideration of the Central Government or the Power Grid Corporation of India to make available additional power to the State; and

(c) if so, the details in this regard?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) The details of actual power supply position in Uttar Pradesh in the month of March '05 are as under: